

AMENDMENTS TO THE CLAIMS

The following listing of claims replaces all prior claims, and listings of claims, in this application.

Claims 1-2 (Canceled).

Claim 3 (Currently Amended): A process for producing a water dispersible granule formulation comprising the steps of:

wet milling a combined mixture of a first active ingredient, a wetting and dispersing agent and water, pulverizing a combined mixture of a second active ingredient, a mineral carrier and a wetting and dispersing agent under dry milling, and admixing the mixture obtained in the wet milling step and the mixture obtained in the dry milling step, and then drying the admixed mixture to form a homogeneous granule formulation,

wherein the first active ingredient is pulverized to an average particle size value from about 0.5 μ m to about 5 μ m in the step of wet milling the combined mixture,

wherein the second active ingredient is pulverized to an average particle size value from about 3 μ m to about 30 μ m in the step of pulverizing the combined mixture under dry milling,

wherein the first active ingredient is a compound which is a solid at an ambient temperature and has a solubility in water of 1,000 ppm or less, and wherein the first and second active ingredients are either the same or different active ingredients,

wherein the second active ingredient is an agricultural chemical selected from the group consisting of an insecticide, a fungicide and a herbicide.

wherein each of the first and second active ingredients have two different average particle sizes.

Claim 4 (Original): The process according to claim 3, wherein the first active ingredient is selected from a group consisting of triflumizole, thiuram, fluazinam, anilazine, captan, hexythiazox, benzoximate, tebufenpyrad, ziram, thiophanate methyl, mepanipyrim, clethoxim methyl, triazine and N'-cyclopropylmethoxy-N-phenylacetyl-2,3-difluoro-6-trifluoromethylbenz-amidine and combinations thereof.

Claims 5-8 (Canceled).

Claim 9 (Previously Presented): The process according to claim 3, wherein the second active ingredient is selected from a group consisting of triflumizole, thiuram, fluazinam, anilazine, captan, hexythiazox, benzoximate, tebufenpyrad, ziram, thiophanate methyl, mepanipyrim, clethoxim methyl, triazine and N'-cyclopropylmethoxy-N-phenylacetyl-2,3-difluoro-6-trifluoromethylbenz-amidine and combinations thereof.

Claim 10 (Canceled).

Claim 11 (Currently Amended): A process for producing a water dispersible granule formulation comprising the steps of:

wet milling a combined mixture of a first active ingredient, a wetting and dispersing agent and water, pulverizing a combined mixture of a second active ingredient, a mineral carrier and a wetting and dispersing agent under dry milling, and admixing the mixture obtained in the wet milling step and the mixture obtained in the dry milling step, and then drying the admixed mixture to form a homogeneous granule formulation,

wherein the first active ingredient is pulverized to an average particle size value from about 0.5 μ m to about 5 μ m in the step of wet milling the combined mixture,

wherein the second active ingredient is pulverized to an average particle size value from about 3 μ m to about 30 μ m in the step of pulverizing the combined mixture under dry milling,

wherein the first active ingredient is a compound which is a solid at an ambient temperature and has a solubility in water of 1,000 ppm or less, and wherein the first and second active ingredients are either the same or different active ingredients; and

wherein the first and second active ingredients are an agricultural chemical selected from the group consisting of an insecticide, a fungicide and a herbicide,

wherein each of the first and second active ingredients have two different average particle sizes.

Claim 12 (Currently Amended): A process for producing a water dispersible granule formulation comprising the steps of:

wet milling a combined mixture of a first active ingredient, a wetting and dispersing agent and water, pulverizing a combined mixture of a second active ingredient, a mineral carrier and a wetting and dispersing agent under dry milling, and admixing the mixture obtained in the wet milling step and the mixture obtained in the dry milling step, and then drying the admixed mixture to form a homogeneous granule formulation,

wherein the first active ingredient is pulverized to an average particle size value from about 0.5 μm to about 5 μm in the step of wet milling the combined mixture,

wherein the second active ingredient is pulverized to an average particle size value from about 3 μm to about 30 μm in the step of pulverizing the combined mixture under dry milling,

wherein the first active ingredient is a compound which is a solid at an ambient temperature and has a solubility in water of 1,000 ppm or less, and wherein the first and second active ingredients are either the same or different active ingredients,

wherein the first and the second active ingredients are independently selected from a group consisting of triflumizole, thiuram, fluazinam, anilazine, captan, hexythiazox, benzoximate, tebufenpyrad, ziram, thiophanate methyl, mepanipyrim, clethoxim methyl, triazine and N'-cyclopropylmethoxy-N-phenylacetyl-2,3-difluoro-6-trifluoromethylbenz-amidine and combinations thereof,

wherein each of the first and second active ingredients have two different average particle sizes.

Claim 13 (Previously Presented): The process according to claim 3, wherein the second active ingredient has coarser particles than the first active ingredient.